# Surface/Lagrangian drifters

1 Contribute to mapping large scale

<U.S> (and <U’S’> with U 15m current)

2 Contribute to sub-meso scale process studies (during cruise time) (evolution of variance <S’2>, either increase in fronts or dissipation, in relation to <T’2>, <d2>)

3 Lagrangian evolution of Shml (with Eric’s floats)

# Questions 1

- How do we do it?

1: Deployment strategy for large scale

- Suggestions from drifter data of average westward flux (differences from 15m model data?) (thus emphasis on biasing a little

The deployment strategy to the east)

- Can we get some of that sampling with group deployment (during cruises), combined with some larger scale deployments + SVP drifters (every 1 to three months from VOS)?

# Questions 2

- 2. the sub-meso scales
- Chosing or not structures? (growing/ decreasing surface fronts, areas of large spatial variance...);

  (and how do we identify the structures in real time)
- How many drifters in each group?
- How to combine optimally the ship-based measurements + drifter/Lagrangian